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1991  
Oct.-Dec.

# NATIONAL INSTITUTES OF HEALTH

## NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during

OCTOBER, NOVEMBER, DECEMBER 1991

LIBRARY

MAR 15 1992

National Institutes of Health

February 1992

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service



DIVISION OF RESEARCH GRANTS

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INFORMATION SYSTEMS BRANCH

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**NIH NEW GRANTS AND AWARDS**

**OCTOBER, NOVEMBER, DECEMBER 1991**

Department of Health and Human Services  
Public Health Service

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National Institutes of Health

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**PREPARED BY**

**NATIONAL INSTITUTES OF HEALTH**

**DIVISION OF RESEARCH GRANTS**

**INFORMATION SYSTEMS BRANCH**



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		U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
		U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

# ADMINISTERING ORGANIZATIONAL CODES

AG	National Institute on Aging
AI	National Institute of Allergy and Infectious Diseases
AR	National Institute of Arthritis and Musculoskeletal and Skin Diseases
CA	National Cancer Institute
CB	Division of Cancer Biology and Diagnosis
CM	Division of Cancer Treatment
CN	Division of Cancer Prevention and Control
CO	Office of the Director, NCI
CP	Division of Cancer Etiology
CL	Clinical Center
CT	Division of Computer Research and Technology
DC	National Institute on Deafness and Other Communication Disorders
DE	National Institute of Dental Research
DK	National Institute of Diabetes and Digestive and Kidney Diseases
ES	National Institute of Environmental Health Sciences
EY	National Eye Institute
GM	National Institute of General Medical Sciences
HD	National Institute of Child Health and Human Development
HG	National Center for Human Genome Research
HL	National Heart, Lung, and Blood Institute
HB	Division of Blood Diseases and Resources
HC	Division of Epidemiology and Clinical Applications
HI	Division of Intramural Research
HO	Office of the Director, NHLBI
HR	Division of Lung Diseases
HV	Division of Heart and Vascular Diseases
LM	National Library of Medicine
OD	Office of the Director, NIH
DS	Division of Safety
NR	National Center for Nursing Research
NS	National Institute of Neurological Disorders and Stroke
RG	Division of Research Grants
RR	National Center for Research Resources
RS	Division of Research Services
TW	Fogarty International Center



# GRANTS AND AWARDS ANNOUNCED DURING OCTOBER, NOVEMBER AND DECEMBER 1991

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MED LIBRARY GRANTS	
	NO. :	DOLLARS	NO. :	DOLLARS	NO. :	DOLLARS	NO. :	DOLLARS	NO. :	DOLLARS	NO. :	DOLLARS	NO. :	DOLLARS
AG	1	101,877	0	0	0	0	0	0	0	0	0	0	0	0
AI	17	2,546,717	1	77,027	2	1,242,774	0	0	3	80,700	0	0	0	0
AR	9	1,281,410	1	68,990	2	222,265	0	0	0	0	0	0	0	0
CA	12	758,776	0	0	0	0	0	0	1	22,700	0	0	0	0
CB	0	0	0	0	1	112,911	0	0	0	0	0	0	0	0
CM	0	0	0	0	7	930,944	0	0	0	0	0	0	0	0
CO	0	0	0	0	33	538,356	0	0	0	0	0	0	0	0
CP	0	0	0	0	3	628,738	0	0	0	0	0	0	0	0
DC	17	1,936,732	1	74,893	0	0	0	0	0	0	0	0	0	0
DK	1	103,269	5	402,553	2	98,689	0	0	0	0	0	0	0	0
ES	6	589,520	0	0	2	420,170	0	0	4	120,400	0	0	0	0
EY	31	4,203,776	0	0	0	0	0	0	0	0	0	0	0	0
GM	9	1,229,444	0	0	0	0	0	0	20	456,500	0	0	0	0
HD	0	0	0	0	1	14,920	0	0	0	0	0	0	0	0
HL	9	8,034,558	6	427,134	0	0	0	0	1	17,150	0	0	0	0
LM	5	614,253	0	0	3	485,508	0	0	0	0	0	0	2	327,643
NS	24	3,122,018	6	467,042	1	61,204	0	0	0	0	0	0	0	0
TW	0	0	0	0	0	0	0	0	9	210,742	0	0	0	0
TOT	141	24,522,350	20	1,517,639	57	4,756,479	0	0	38	908,192	0	0	2	327,643

\* INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS





NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

ALABAMA

BIRMINGHAM  
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM  
1R01 EY09380-01 GAMLIN, PAUL D

144,526

INSTITUTION TOTAL 1 144,526  
CITY TOTAL 1 144,526

STATE TOTAL 1 144,526

ARIZONA  
PHOENIX

ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER  
1R01 NS30084-01 GIBSON, ALAN R

133,991

INSTITUTION TOTAL 1 133,991  
CITY TOTAL 1 133,991

TUCSON

WESTERN RESEARCH COMPANY, INC.  
1R43 CA56148-01 CRAINE, ERIC R

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

STATE TOTAL 2 183,991

CALIFORNIA  
LOS ANGELES

CEDARS-SINAI MEDICAL CENTER  
1R01 EY09392-01 NESBURN, ANTHONY B

231,319

INSTITUTION TOTAL 1 231,319

UNIVERSITY OF SOUTHERN CALIFORNIA  
1R01 LM05401-01 JELLIFFE, ROGER W  
1R01 EY09427-01 KAN-MITCHELL, JUNE

294,320  
159,133

INSTITUTION TOTAL 2 453,453  
CITY TOTAL 3 684,772

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN DIEGO SALK INSTITUTE FOR BIOLOGICAL STUDIES 1R13 DC01383-01	EMMOREY, KAREN D	THEORETICAL ISSUES IN SIGN LANGUAGE RESEARCH	40,535
INSTITUTION TOTAL	1		40,535
SCRIPPS CLINIC AND RESEARCH FOUNDATION 1R01 HL48008-01	BOKOCH, GARY M	G PROTEIN REGULATION OF THE NEUTROPHIL NADPH OXIDASE	235,580
INSTITUTION TOTAL	1		235,580
SCRIPPS CLINIC AND RESEARCH FOUNDATION--SCRIPPS RESEARCH INSTITUTE 1R01 AI31963-01 1R29 AI32155-01 1R01 GM46700-01	HUGLI, TONY E POLLARD, KENNETH M STRAUCH, MARK A	NOVEL ANALOGS OF INFLAMMATORY MEDIATORS IMMUNOTOXICOLOGY OF A HEAVY METAL, MERCURY ABRB BINDING TO DEVELOPMENTALLY CONTROLLED PROMOTERS	149,515 100,040 173,604
INSTITUTION TOTAL	3		423,159
CITY TOTAL	5		699,274
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1R01 DC01393-01 1R01 EY08973-01A1 1R01 NS30311-01	BARGMANN, CORNELIA I BLOOM, ERNEST PULLIAM, D LYNN	GENETIC ANALYSIS OF ODORANT SENSATION TRABECULAR MESHWORK CELL INJURY RESPONSES ROLE OF HIV-ASSOCIATED NEUROTOXIN IN AIDS DEMENTIA	158,033 129,827 220,724
INSTITUTION TOTAL	3		508,584
CITY TOTAL	3		508,584
SANTA BARBARA ADVANCED SCIENTIFIC CONCEPTS, INC. 1R43 CA56197-01	STETTNER, ROGER	DEVELOPMENT OF AN AUTO RADIO GRAPHIC DIGITAL IMAGER	49,975
INSTITUTION TOTAL	1		49,975
CITY TOTAL	1		49,975
STATE TOTAL	12		1,942,605
COLORADO DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER 1R01 NS29982-01	PRASAD, KEDAR N	NEURODEGENERATIVE DISEASES AND NEURAL CELL TRANSPLANTS	300,646



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>COLORADO</b>			
DENVER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO		HEALTH SCIENCES CENTER	
1P50 HL46481-01	REEVES, JOHN T	SCOR-LUNG BIOLOGY AND DISEASES IN INFANTS AND CHILDREN	939,762
INSTITUTION TOTAL	2		
CITY TOTAL	2		
			1,240,408
			1,240,408
<b>DILLON</b>			
KEYSTONE CENTER			
1R13 CA55558-01	LIPPMAN, MARC E	CONFERENCE ON BREAST AND PROSTATE CANCER	10,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			10,000
STATE TOTAL	3		
			1,250,408
<b>CONNECTICUT</b>			
NEW HAVEN			
YALE UNIVERSITY			
1P50 HL46488-01	WARSHAW, JOSEPH B	SCOR-LUNG BIOLOGY AND DISEASES IN INFANTS AND CHILDREN	1,415,862
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			1,415,862
STATE TOTAL	1		
			1,415,862
<b>DIST OF COL</b>			
WASHINGTON			
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
1R29 GM47268-01	PATEL, NIPAM H	EVOLUTION OF INSECT SEGMENTATION	107,922
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			107,922
STATE TOTAL	1		
			107,922
<b>FLORIDA</b>			
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R01 EY09098-01A1	BODOR, NICHOLAS S	ISOMERASE, HYDROLASE AND REDUCTASE ENZYMES IN THE EYE	205,400

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<p>FLORIDA</p> <p>GAINESVILLE</p> <p>STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA</p>			
1R01 AI32123-01	FLANEGAN, JAMES B	GENETIC ANALYSIS OF PICORNAVIRUS RNA REPLICATION IN VIVO	139,086
1R29 DC01418-01	MICHEL, WILLIAM C	MECHANISMS OF OLFACTORY RECEPTOR NEURON ADAPTATION	111,146
1R01 AI32127-01	MOYER, SUE A	MEASLES VIRUS RNA EDITING AND GENOME REPLICATION	172,888
INSTITUTION TOTAL	4		
CITY TOTAL	4		
<p>MELBOURNE</p> <p>APPLIED GENETICS LABORATORIES, INC.</p>			
1R01 EY09478-01	DAVIS, LISA M	TRANSCRIPTION MAPPING THROUGH THE 11P13 ANIRIDIA LOCUS	133,232
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<p>MIAMI</p> <p>UNIVERSITY OF MIAMI</p>			
1R01 EY09438-01	COUSINS, SCOTT	RETINAL DETACHMENT AND VITREOUS PROLIFERATIVE ACTIVITY	107,895
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<p>MIAMI BEACH</p> <p>MOUNT SINAI MEDICAL CENTER</p>			
1R01 NS29924-01A1	RESNICK, LIONEL	NEUROSYPHILIS AND AIDS--PCR METHOD TO DETECT T. PALLIDUM	78,930
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<p>NORTH MIAMI</p> <p>INTELLIGENT HEARING SYSTEMS</p>			
1R43 NS30260-01	DELGADO, RAFAEL E	FAST-TRACKING INTRAOPERATIVE EP MONITORING DEVICE	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	8		

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
1R01 AI32042-01	HABER, MICHAEL J	METHODS FOR EVALUATING VACCINE EFFICACY AXONOGENESIS AND NEURODEGENERATION--ROLE OF NEUROTUBULIN	148,267 209,573
1R01 NS30009-01	JOSHI, HARISH C		
INSTITUTION TOTAL	2		
CITY TOTAL	2	357,840	
MACON			
MERCER UNIVERSITY MACON			
1R01 NS30197-01	WEERASURIYA, ANANDA	EARLY MICROVASCULAR CHANGES IN DIABETIC NEUROPATHY	79,823
INSTITUTION TOTAL	1		79,823
CITY TOTAL	1		79,823
STATE TOTAL	3		437,663
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R03 DC01015-01A1	KUEHN, DAVID P	CPAP--NEW THERAPY FOR HYPERNASAL SPEECH	33,274
INSTITUTION TOTAL	1		33,274
CITY TOTAL	1		33,274
CHICAGO			
NORTHWESTERN UNIVERSITY			
1R01 NS30101-01	WU, CHAU H	ACUTE EFFECTS OF ALUMINUM ON NEURONAL ION CHANNELS	71,759
INSTITUTION TOTAL	1		71,759
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1R01 NS29585-01A1	KORDOWER, JEFFREY H	SURAL NERVE GRAFTS IN FORNIX LESIONS	153,798
INSTITUTION TOTAL	1		153,798
UNIVERSITY OF CHICAGO			
1R01 AR40605-01A1	DRAGANICH, LOUIS F	KNEE JOINT KINEMATICS IN NORMAL AND RECONSTRUCTED KNEE	114,093
1R03 DC01474-01	LYSAKOWSKI, ANNA	EFFERENT INNERVATION OF THE VESTIBULAR APPARATUS	41,215
INSTITUTION TOTAL	2		155,308

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NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS AT CHICAGO			
1R29 EY09411-01	MALCHOW, ROBERT P	GABA-ERGIC MECHANISMS OF THE DISTAL RETINA	119,431
INSTITUTION TOTAL	1		119,431
CITY TOTAL	5		500,296
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1R29 AI32065-01	BAKER, SUSAN C	MECHANISM OF TRANSCRIPTION OF CORONAVIRUS	106,188
INSTITUTION TOTAL	1		106,188
CITY TOTAL	1		106,188
STATE TOTAL	7		639,758
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1R01 EY09082-01A1	SUZUKI, DAVID A	PONTO-CEREBELLAR VISUO-OCULOMOTOR SIGNAL PROCESSING	145,440
INSTITUTION TOTAL	1		145,440
CITY TOTAL	1		145,440
STATE TOTAL	1		145,440
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1R01 DC00831-01A2	ALIPOUR-HAGHIGHI, FARIBORZ	AERODYNAMICS OF PHONATION	218,042
INSTITUTION TOTAL	1		218,042
CITY TOTAL	1		218,042
STATE TOTAL	1		218,042
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1R29 AI31998-01	BRYSON, JAMES S	IMMUNE MECHANISMS AND MURINE SYNGENEIC GVHD	94,086
INSTITUTION TOTAL	1		94,086

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

CITY TOTAL 1 94,086

KENTUCKY  
LOUISVILLE

UNIVERSITY OF LOUISVILLE

1R01 EY09437-01 JUMBLATT, MARCIA M

CORNEAL ENDOTHELIAL REPAIR--ROLE OF LIPID MEDIATORS

152,526

INSTITUTION TOTAL 1 152,526  
CITY TOTAL 1 152,526

STATE TOTAL 2 246,612

MARYLAND  
BALTIMORE

BALTIMORE BIOTECH, INC.

1R43 EY09163-01A1 VARNER, HUGH H

TARGETED FLUORESCENCE DYES FOR ANGIOGRAPHY

50,000

INSTITUTION TOTAL 1 50,000

JOHNS HOPKINS UNIVERSITY

1R01 DC01423-01 CARAMAZZA, ALFONSO

1R01 DC01388-01 HIENZ, ROBERT D

1R01 ES05777-01 KASTAN, MICHAEL B

1R29 EY09130-01A1 KATZ, JOANNE

1P50 HL47212-01 KWITEROVICH, PETER O, JR

1R01 NS28115-01A2 PEARLSON, GODFREY D

MECHANISMS UNDERLYING DISORDERS OF NAMING  
PSYCHOACOUSTIC STUDIES WITH COMPLEX STIMULI  
ROLE OF P53 IN THE CELLULAR RESPONSE TO DNA DAMAGE  
ASSESSMENT OF PROGRESSIVE VISUAL FIELD LOSS IN GLAUCOMA  
NONTRADITIONAL MECHANISMS OF ATHEROGENESIS  
ALZHEIMER'S DISEASE IN DOWN SYNDROME

214,528  
68,600  
165,933  
109,299  
1,422,001  
198,436

INSTITUTION TOTAL 6 2,178,797  
CITY TOTAL 7 2,228,797

BETHESDA

CIVILIZED SOFTWARE, INC.

1R43 CA56172-01 PEARSON, GLENN F

MLAB SERVERS, WINDOWS 3.0 USER INTERFACE, & PARALLELISM

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

COLLEGE PARK

UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND

1R29 DC01382-01 YAGER, DAVID D

PHYLOGENY AND ONTOGENY OF AN AUDITORY SYSTEM

64,541

INSTITUTION TOTAL 1 64,541  
CITY TOTAL 1 64,541

GRANT NUMBER	PRINCIPAL INVESTIGATOR	NIH RESEARCH GRANTS	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND GAIHERSBURG MOLECULAR ONCOLOGY, INC. 1R43 CA56257-01	FRIDMAN, RAFAEL A		EXPRESSION OF ENZYMES AND INHIBITORS OF METASTASIS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1			50,000 50,000
ROCKVILLE MENTOR TECHNOLOGIES, INC. 1R43 NS30259-01	GUTH, STEVEN L		RECEPTOR AFFINITY BIOSENSOR	47,594
INSTITUTION TOTAL CITY TOTAL	1 1			47,594 47,594
STATE TOTAL	11			2,440,932
MASSACHUSETTS AMHERST UNIVERSITY OF MASSACHUSETTS AT AMHERST 1R01 NS30072-01 1R01 AI32241-01	BUDNIK, VIVIAN G HONIGBERG, BRONISLAW M		MORPHOLOGICAL PLASTICITY AT THE NEUROMUSCULAR JUNCTION VIRULENCE DETERMINANTS IN TRICHOMONADS OF HUMANS	130,408 153,655
INSTITUTION TOTAL CITY TOTAL	2 2			284,063 284,063
ANDOVER PHYSICAL SCIENCES, INC. 1R43 EY09316-01A1	FRISH, MICHAEL B		LASER-BASED THREE-DIMENSIONAL CATARACT ANALYSIS SYSTEM	49,750
INSTITUTION TOTAL CITY TOTAL	1 1			49,750 49,750
BELMONT MC LEAN HOSPITAL 1R01 NS30064-01	ISACSON, OLE		NEURONAL REPLACEMENT IN A MODEL OF HUNTINGTON'S DISEASE	230,820
INSTITUTION TOTAL CITY TOTAL	1 1			230,820 230,820



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
1P01 HL46902-01	FOSTER, JUDITH A	LUNG CONNECTIVE TISSUE--RESPONSES TO INJURY AND REPAIR	1,226,282
INSTITUTION TOTAL	1		1,226,282
CHILDREN'S HOSPITAL			
1P50 HL46491-01	BERNFELD, MERTON	SCOR-LUNG BIOLOGY AND DISEASES IN INFANTS AND CHILDREN	723,126
1R29 GM46757-01	BISCHOFF, JOYCE E	ER TRANSLOCATION OF A RAT ALPHA-MANNOSIDASE	109,854
INSTITUTION TOTAL	2		832,980
JOSLIN DIABETES CENTER			
1R01 EY09178-01	KING, GEORGE L	ENDOTHELIN'S EFFECTS ON RETINAL CELLS AND BLOOD FLOW	249,347
INSTITUTION TOTAL	1		249,347
MASSACHUSETTS GENERAL HOSPITAL			
1R01 AR40667-01A1	GRANSTEIN, RICHARD D	EPIDERMAL ANTIGEN PRESENTING CELLS AND TUMOR IMMUNITY	170,453
INSTITUTION TOTAL	1		170,453
CITY TOTAL	5		2,479,062
CAMBRIDGE			
CAMBRIDGE NEUROSCIENCE RESEARCH			
1R43 NS29597-01A1	GOLDIN, STANLEY M	SYNTHETIC NEUROPROTECTIVE GLUTAMATE RELEASE BLOCKERS	50,000
INSTITUTION TOTAL	1		50,000
WINCHESTER DIGITAL SYSTEMS			
1R43 EY09506-01	SUSSMAN, MICHAEL	DIGITAL VIDEO CAMERA FOR LOW-VISION AIDS	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	2		100,000
MEDFORD			
TUFTS UNIVERSITY			
1R01 LM05381-01	PACKARD, RANDALL M	TROPICAL DEVELOPMENT & DECLINE & RESURGENCE OF MALARIA	34,478
INSTITUTION TOTAL	1		34,478
CITY TOTAL	1		34,478

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NIH RESEARCH GRANTS			
MASSACHUSETTS NORTH BILLERICA ADVANCED SURFACE TECHNOLOGY, INC. 1R43 NS0274-01	LOH, IH-HOUNG	PLASMA ENHANCED PARYLENE COATINGS FOR IMPLANTED ELECTRON	45,000
INSTITUTION TOTAL	1		45,000
CITY TOTAL	1		45,000
WATERTOWN			
RADIATION MONITORING DEVICES, INC. 1R43 ES05688-01A1	ENTINE, GERALD	NEW PORTABLE XRF SYSTEM FOR LEAD PAINT ANALYSIS	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
WEST NEWTON			
HOWARD M. SHAPIRO, MD, P.C. 1R43 ES05895-01	SHAPIRO, HOWARD M	NONINVASIVE TEST FOR LEAD EXPOSURE AND IRON DEFICIENCY	49,904
INSTITUTION TOTAL	1		49,904
CITY TOTAL	1		49,904
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1R01 CA56278-01	HELSELTON, RUTH A	INTERACTION OF HIV/EBV IN INDUCTION OF EBV-LYMPHOMAS	189,242
INSTITUTION TOTAL	1		189,242
CITY TOTAL	1		189,242
STATE TOTAL	16		3,512,319
MICHIGAN			
ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R01 EY09441-01	ELNER, VICTOR M	CYTOKINE NETWORKS REGULATE RPE LEUKOCYTE CHEMOTAXINS	199,164
1R01 LM05384-01	WARNER, AMY J	LINGUISTIC ANALYSIS OF VARIANT EXPRESSIONS IN MEDLINE	84,107
INSTITUTION TOTAL	2		283,271
CITY TOTAL	2		283,271

# NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY 1R01 DC01160-01A1	ASHER, JAMES H, JR	DEAFNESS--WAARDENBURG SYNDROME	198,060
INSTITUTION TOTAL	1		198,060
CITY TOTAL	1		198,060
STATE TOTAL	3		481,331
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1R01 GM46884-01	SHERMAN, DAVID H	MOLECULAR GENETICS OF POLYKETIDE & FATTY ACID SYNTHASES	129,031
INSTITUTION TOTAL	1		129,031
CITY TOTAL	1		129,031
ROCHESTER MAYO FOUNDATION 1R01 AR41171-01	AN, KAI-NAN	BIOMECHANICS OF THE ROTATOR CUFF	133,736
INSTITUTION TOTAL	1		133,736
CITY TOTAL	1		133,736
STATE TOTAL	2		262,767
MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1R01 AI32219-01	WISE, KIM S	SURFACE MEMBRANE ANTIGENS OF AIDS-ASSOCIATED MYCOPLASMAS	169,645
INSTITUTION TOTAL	1		169,645
CITY TOTAL	1		169,645
SAINT LOUIS JEWISH HOSPITAL OF ST. LOUIS 1R29 AR41255-01	CIVITELLI, ROBERTO	INTERCELLULAR COMMUNICATION IN BONE CELL PHYSIOLOGY	99,261
INSTITUTION TOTAL	1		99,261

NTH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MISSOURI SAINT LOUIS ST. LOUIS UNIVERSITY 1R01 AR40378-01A2	QUINN, CHERYL O	HORMONAL REGULATION OF BONE COLLAGENASE MRNA	126,263
INSTITUTION TOTAL	1		126,263
WASHINGTON UNIVERSITY 1R01 NS28947-01A2	GRUBB, ROBERT L, JR	ROLE OF CEREBRAL HEMODYNAMICS IN ISCHEMIC STROKE MOLECULAR AND CELLULAR STUDIES OF A PRION-LIKE PROTEIN TIME AND CONTEXT IN MEDICAL DATABASES REVERSING DENERVATION-INDUCED PROTEIN PHOSPHORYLATION POLYAMINES IN VERTEBRATE RETINA INNER EAR FLUID INTERACTIONS	354,771
1R29 NS30137-01	HARRIS, DAVID		94,253
1R29 LM05387-01	KAHN, MICHAEL G		102,352
1R01 AR41180-01	LAWRENCE, JOHN C, JR		142,252
1R01 EY09370-01	ROMANO, CARMELO		199,544
1R01 DC01368-01	SALT, ALEC N		251,619
INSTITUTION TOTAL	6		1,144,791
CITY TOTAL	8		1,370,315
STATE TOTAL	9		1,539,960
NEBRASKA BOYS TOWN FATHER FLANAGAN'S BOYS' HOME 1R03 DC01483-01	MC GEE, JOANN D	DEVELOPMENT OF INHIBITION WITHIN THE INFERIOR COLLICULUS CYTOSOLIC REGULATION OF INNER EAR ION TRANSPORT	35,800
1R29 DC01098-01A1	WANGEMANN, ANTJE P		110,476
INSTITUTION TOTAL	2		146,276
CITY TOTAL	2		146,276
OMAHA CREIGHTON UNIVERSITY 1R01 AR40879-01A1	STEGMAN, MARY R	METHOD TO PREDICT OSTEOPOROTIC FRACTURE	345,352
INSTITUTION TOTAL	1		345,352
CITY TOTAL	1		345,352
STATE TOTAL	3		491,628
NEW JERSEY MOUNT LAUREL SENSOR ELECTRONICS, INC. 1R43 DC01443-01	LANGBERG, EDWIN	ELECTROACOUSTICAL COMPENSATION HEARING AID	50,000
INSTITUTION TOTAL	1		50,000



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
NEW YORK CHAPPAQUA ALACRON, INC. 1R43 NS30272-01	CHARLESWORTH, THOMAS	AUTOMATED EVOKED POTENTIAL MONITORING SYSTEM	44,986
INSTITUTION TOTAL	1	44,986	
CITY TOTAL	1	44,986	
COLD SPRING HARBOR COLD SPRING HARBOR 1R13 AR40978-01	LABORATORY WITKOWSKI, JAN A	MOLECULAR GENETICS & CELL BIOLOGY OF MARFAN SYNDROME	10,000
INSTITUTION TOTAL	1	10,000	
CITY TOTAL	1	10,000	
NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1R29 CA56302-01 1R01 EY09414-01	BANERJEE, RANJIT MASUR, SANDRA K	CYTOKINASE MEDIATED INHIBITION OF HIV-1 IN LIVER MODEL KERATOCYTE COLLAGENASE INDUCED VIA FIBRONECTIN RECEPTOR	80,544 180,300
INSTITUTION TOTAL	2	260,844	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE 1R29 LM05397-01	FRIEDMAN, CAROL	INTEGRATED MEDICAL TEXT PROCESSING SYSTEM	98,996
INSTITUTION TOTAL	1	98,996	
HOSPITAL FOR SPECIAL SURGERY 1R01 AR41581-01	GUIDON, PETER T, JR	MOLECULAR MECHANISMS OF GALLIUM ON BONE FORMATION	140,000
INSTITUTION TOTAL	1	140,000	
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL 1R13 CA55802-01	HOLLAND, JIMMIE C	HOSPITAL FOR CANCER AND ALLIED DISEASES CANCER REHABILITATION--PSCH/BEHAVIORAL RESEARCH UPDATE	10,000
INSTITUTION TOTAL	1	10,000	
NEW YORK UNIVERSITY 1R01 NS30772-01	NAKA, KEN-ICHI	DEVELOPMENT OF WIENER THEORY FOR NETWORK ANALYSIS	121,366
INSTITUTION TOTAL	1	121,366	

NIH RESEARCH GRANTS			DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
1R01 GM47021-01	COWBURN, DAVID A	SOLUTION STRUCTURES OF ONCOGENE SH DOMAINS MOLECULAR & CELL INTERACTIONS IN DROSOPHILA SEGMENTATION ADENYLATE CYCLASE TOXIN FROM BORDETELLA PERTUSSIS	152,583
1R01 GM45747-01A1	DINARDO, STEPHEN		164,019
1R29 AI32024-01	MASURE, H ROBERT		111,447
INSTITUTION TOTAL	3	428,049	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1R01 NS29340-01A1	RUDELL, ALAN P	RECOGNITION POTENTIAL	116,297
INSTITUTION TOTAL	1	116,297	
STATE UNIVERSITY OF NEW YORK--STATE COLLEGE OF OPTOMETRY			
1R01 EY08817-01A1	ROSENFELD, MARK	OCULOMOTOR ADAPTATION AND PRESBYOPIA	81,789
INSTITUTION TOTAL	1	81,789	
CITY TOTAL	11	1,257,341	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R01 ES05855-01	HINKLE, PATRICIA M	TRANSPORT AND ACTIONS OF METAL IONS	138,166
INSTITUTION TOTAL	1	138,166	
CITY TOTAL	1	138,166	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R01 EY09406-01	BRINK, PETER R	PLASMA CELLS IN THE LACRIMAL GLAND--IG SECRETION AGE-RELATED CHANGES IN BONE CELL SIGNAL TRANSDUCTION NOVEL CELLULAR REGULATORY FACTORS IN VIRAL TRANSLATION	129,942
1R29 AG10199-01	DONAHUE, HENRY J		101,877
1R01 AI32100-01	WIMMER, ECKARD		164,637
INSTITUTION TOTAL	3	396,456	
CITY TOTAL	3	396,456	
TROY			
INTERSCIENCE, INC.			
1R43 DC01165-01A1	CASTRACANE, JAMES	NEW INSTRUMENT FOR INTERFEROMETRIC LARYNGOSCOPY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK WHITE PLAINS INTERNATIONAL INNOVATIONS INC. 1R43 EY08789-01A2 OKSMAN, HENRY C		ELECTRONIC APPLANATION TONOMETER DISINFECTION SYSTEM	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
STATE TOTAL	19		1,946,949
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1R29 EY09106-01A1 JAFFE, GLENN J		CYTOKINE MODULATION IN PROLIFERATIVE VITREORETINOPATHY	109,480
INSTITUTION TOTAL	1		109,480
CITY TOTAL	1		109,480
STATE TOTAL	1		109,480
OHIO CINCINNATI UNIVERSITY OF CINCINNATI AT CINCINNATI 1R01 NS30047-01 NORGREN, ROBERT B, JR 1R01 AI32121-01 THOMPSON, RICHARD L		DEVELOPMENT AND MIGRATION OF LHRH NEURONS MOLECULAR ANALYSIS OF HSV-1 REACTIVATION FROM LATENCY	134,303 149,479
INSTITUTION TOTAL	2		283,782
CITY TOTAL	2		283,782
COLUMBUS OHIO STATE UNIVERSITY 1R01 EY09073-01A1 BYERS, THOMAS J 1R01 CA56295-01 MATHES, LAWRENCE E		DNA PROBES FOR ACANTHAMOEBA KERATITIS HIGH & LOW DOSE AZT THERAPY MODULATES ANTIVIRAL IMMUNITY	126,884 209,022
INSTITUTION TOTAL	2		335,906
CITY TOTAL	2		335,906
TOLEDO MEDICAL COLLEGE OF OHIO AT TOLEDO 1R29 DK43867-01A1 SANCHEZ, EDWIN R		STEROID RECEPTOR TRANSLOCATION AND HEAT SHOCK	103,269
INSTITUTION TOTAL	1		103,269
CITY TOTAL	1		103,269

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
STATE TOTAL	5	722,957	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1R01 EY09344-01	KOSS, MICHAEL C	ADRENERGIC CONTROL OF OCULAR BLOOD FLOW	77,341
INSTITUTION TOTAL	1	77,341	
CITY TOTAL	1	77,341	
STATE TOTAL	1	77,341	
OREGON			
CORVALLIS			
GOOD SAMARITAN HOSPITAL			
1R13 NS30136-01	CORDO, PAUL J	CONTOVERSIES IN NEUROSCIENCE	18,735
1R01 EY09339-01	PALCZEWSKI, KRZYSZTOF	STRUCTURAL STUDIES OF ARRESTIN AND RHODOPSIN PHOSPHATASE	137,499
INSTITUTION TOTAL	2	156,234	
CITY TOTAL	2	156,234	
STATE TOTAL	2	156,234	
PENNSYLVANIA			
DANVILLE			
GEISINGER FOUNDATION--WEIS CENTER FOR RESEARCH OF THE		THE GEISINGER CLINIC	
1R01 GM46991-01	ROTHBLUM, LAWRENCE I	TRANSCRIPTION OF RAT RIBOSOMAL DNA	169,502
INSTITUTION TOTAL	1	169,502	
CITY TOTAL	1	169,502	
PHILADELPHIA			
AMERICAN ASSOCIATION FOR CANCER RESEARCH			
1R13 CA56566-01	HANAWALT, PHILIP C	MTG ON CELLULAR RESPONSES TO ENVIRONMENTAL DNA DAMAGE	5,000
INSTITUTION TOTAL	1	5,000	
UNIVERSITY OF PENNSYLVANIA			
1R01 EY09404-01	STAMBOLIAN, DWIGHT E	GALACTOKINASE GENE EXPRESSION IN CATARACT PATIENTS	188,765
INSTITUTION TOTAL	1	188,765	



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1R29 AI32137-01 ERIKSON, JAN		TRANSGENIC MODEL FOR B CELL TOLERANCE AND AUTOIMMUNITY	101,057
INSTITUTION TOTAL CITY TOTAL	1 3		101,057 294,822
PITTSBURGH EYE AND EAR INSTITUTE OF PITTSBURGH 1R01 EY09391-01 RADA, JODY A		REGULATION OF SCLERAL GROWTH AND REMODELING IN MYOPIA	132,969
INSTITUTION TOTAL CITY TOTAL	1 1		132,969 132,969
STATE TOTAL	5		597,293
TENNESSEE NASHVILLE MEHARRY MEDICAL COLLEGE 1R13 HL48071-01 ENMONWU, CYRIL O		WORKSHOP: HEALTH IMPLICATIONS OF OBESITY IN MINORITIES	18,000
INSTITUTION TOTAL	1		18,000
VANDERBILT UNIVERSITY 1R13 ES05818-01 BURK, RAYMOND F, JR		FIFTH ANNUAL SYMPOSIUM ON SELENIUM IN BIOLOGY & MEDICINE	4,000
INSTITUTION TOTAL CITY TOTAL	1 2		4,000 22,000
OAK RIDGE ATOM SCIENCES, INC. 1R43 CA56195-01 TAYLOR, ELLISON H		TRACE BORON QUANTITATION IN PITUITARY TISSUES FOR BNCT	49,993
INSTITUTION TOTAL CITY TOTAL	1 1		49,993 49,993
STATE TOTAL	3		71,993
TEXAS DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS 1R01 EY09379-01 WILSON, STEVEN E		CORNEAL ENDOTHELIAL CELL GROWTH AND SENESENCE	195,369

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	195,369 195,369	
TEXAS HOUSTON BAYLOR COLLEGE OF MEDICINE 1R01 AI33119-01	MUSSER, JAMES M	STREPTOCOCCUS PYOGENES: CLONAL ANALYSIS OF VIRULENCE	106,565
INSTITUTION TOTAL	1	106,565	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK 1R29 EY09431-01 1R21 EY09633-01	COLETTA, NANCY J WICK, BRUCE C	CONSTRAINTS ON VISION AT LOW LIGHT LEVELS VT-IXT	120,932 68,792
INSTITUTION TOTAL	2	189,724	
UNIVERSITY OF TEXAS 1R01 EY08372-01A3	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON FELLEMAN, DANIEL J	ORGANIZATION OF INFEROTEMPORAL CORTEX	167,881
INSTITUTION TOTAL CITY TOTAL	1 4	167,881 464,170	
SAN ANTONIO UNIVERSITY OF TEXAS 1R13 CA55661-01	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO COLTMAN, CHARLES A, JR	14TH ANNUAL SAN ANTONIO BREAST CANCER SYMPOSIUM	5,000
INSTITUTION TOTAL CITY TOTAL	1 1	5,000 5,000	
STATE TOTAL	6	664,539	
UTAH SALT LAKE CITY NEXUS ENGINEERING 1R43 DC01457-01	MCLAUGHLIN, THOMAS J	PORTABLE TDD/SPEECH SURROGATE	50,000
INSTITUTION TOTAL	1	50,000	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1R01 GM46683-01	BLAIR, DAVID F	STRUCTURE/FUNCTION STUDIES OF A NOVEL PROTON CHANNEL	113,267
INSTITUTION TOTAL CITY TOTAL	1 2	113,267 163,267	

NIH RESEARCH GRANTS				DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
STATE TOTAL		2	163,267	
VIRGINIA				
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1R01 AI32761-01	MONACO, JOHN J			127,470
INSTITUTION TOTAL		1	127,470	
CITY TOTAL		1	127,470	
STATE TOTAL		1	127,470	
WASHINGTON				
SEATTLE				
CHILDREN'S HOSPITAL AND MEDICAL CENTER				
1R29 AI32143-01	NUNN, DAVID N			92,120
INSTITUTION TOTAL		1	92,120	
UNIVERSITY OF WASHINGTON				
1R01 ES05861-01	JUCHAU, MONT R			181,517
1P50 HL47151-01	SCHWARTZ, STEPHEN M			1,315,999
1R01 NS30187-01	THOMAS, JAMES H			128,143
INSTITUTION TOTAL		3	1,625,659	
CITY TOTAL		4	1,717,779	
STATE TOTAL		4	1,717,779	
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1P50 HL46478-01	FARRELL, PHILIP M			737,946
1R01 DC01362-01	FETTIPLACE, ROBERT			240,863
1R01 NS30016-01	JACKSON, MEYER B			107,662
1R01 GM46695-01	NORTHROP, DEXTER B			109,662
INSTITUTION TOTAL		4	1,196,133	
CITY TOTAL		4	1,196,133	
STATE TOTAL		4	1,196,133	
TOTAL		140	24,061,778	

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# NIH RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA BIRMINGHAM SOUTHERN RESEARCH INSTITUTE 1N01 CM27710-00 HILL, DONALD L 1N01 CM27714-00 WAUD, WILLIAM R		PHARMACOLOGICAL STUDIES OF ANTI-TUMOR/HIV AGENTS EVALUATION OF COMBINATION THERAPY FOR ANTICANCER ACTIVIT	145,462 293,600
INSTITUTION TOTAL 2 439,062 CITY TOTAL 2 439,062 STATE TOTAL 2 439,062			
CALIFORNIA OAKLAND CRUNCH SOFTWARE CORPORATION 1N44 CP21027-00 BOSTROM, ALAN		MICROCOMPUTER PROGRAM FOR STATISTICAL ANALYSES	477,019
INSTITUTION TOTAL 1 477,019 CITY TOTAL 1 477,019			
SAN DIEGO AMYLIN CORPORATION 1N43 DK22283-00 KODA, JOY E		PRODUCTION OF A MONOCLONAL ANTIBODY BASE SANDWICH ASSAY	49,941
INSTITUTION TOTAL 1 49,941 CITY TOTAL 1 49,941 STATE TOTAL 2 526,960			
DIST OF COL WASHINGTON GEORGETOWN UNIVERSITY 1N01 CP21024-00 YEAGER, HENRY		RESOURCE FOR PROCUREMENT OF HUMAN TISSUES FROM DONORS	84,719
INSTITUTION TOTAL 1 84,719 CITY TOTAL 1 84,719 STATE TOTAL 1 84,719			
FLORIDA PEMBROKE PARK SOUTHEAST GRAPHICS 1N02 C021065-00 BERGSTEDT, RALPH		MAMMOGRAPHY BACKGROUNDER	10,962
INSTITUTION TOTAL 1 10,962			



CONTRACT NUMBER		PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<div>NIH</div> <div>RESEARCH CONTRACTS</div>				
CITY TOTAL	1		10,962	
STATE TOTAL	1		10,962	
ILLINOIS				
DES PLAINES				
CREATIVE PRINTING SERVICE				
1N02 C021043-00 FOX, STUART				
INSTITUTION TOTAL	1		14,720	
CITY TOTAL	1		14,720	14,720
STATE TOTAL	1		14,720	
CHANCES ARE ... YOU NEED A MAMMOGRAM				
MARYLAND				
BALTIMORE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND				
1N01 CM27711-00 EGORIN, MERRILL J				
INSTITUTION TOTAL	1		129,156	
CITY TOTAL	1		129,156	129,156
CHEVERLY				
PEAKE PRINTERS, INC.				
1N02 C021042-00 CHALKLEY, NEAL				
1N02 C021047-00 CHALKLEY, NEAL				
INSTITUTION TOTAL	2		13,155	
CITY TOTAL	2		13,155	
PAST ACCOMPLISHMENTS FUTURE GOALS				
AGING--THE QUALITY OF LIFE				
FORESTVILLE				
ARTISAN PRINTING, INC.				
1N02 C021056-00 POUDRIER, DON				
INSTITUTION TOTAL	1		1,329	
CITY TOTAL	1		1,329	1,329
STUDENT RESEARCH TRAINING PROGRAM				
GAITHERSBURG				
BALMAR PRINTING AND GRAPHICS, INC.				
1N02 C021049-00 KOHLER, BEN				
CANCER STATISTICS REVIEW 1973-1988				

NIH RESEARCH CONTRACTS			DOLLARS AWARDED	
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK		
MARYLAND				
GAITHERSBURG				
BALMAR PRINTING AND GRAPHICS, INC.		FOUR BOOKS AS IDENTIFIED IN 2-NCI-PC-029		12,105
1N02 C021067-00 KOHLER, BEN		CRACK AND PEEL LABELS		3,936
1N02 C021040-00 KOHLER, BEN		DCE 1991 ANNUAL REPORT (THREE VOLUMES)		13,981
1N02 C021041-00 KOHLER, BEN		PEDIATRIC BRANCH--CLINICAL RESEARCH		14,254
1N02 C021074-00 KOHLER, BEN				
INSTITUTION TOTAL	5		68,313	
CITY TOTAL	5		68,313	
GERMANTOWN				
CELLCO, INC.		PRODUCTION AND PURIFICATION OF LYMPHOCYTE-DERIVED PROLAC		48,748
1N43 DK22281-00 KIDWELL, WILLIAM				
INSTITUTION TOTAL	1		48,748	
CITY TOTAL	1		48,748	
POTOMAC				
EMMES CORPORATION		COOPERATIVE CLINICAL TRIALS IN KIDNEY TRANSPLANTATION		588,811
1N01 AI25132-00 STABLEIN, DONALD				
INSTITUTION TOTAL	1		588,811	
CITY TOTAL	1		588,811	
ROCKVILLE				
ATLIS SYSTEMS, INC.		EDITING AND KEYBOARDING SERVICES		380,630
1N01 LM23504-00 KENDALL, LLOYD				
INSTITUTION TOTAL	1		380,630	
INFORMATION MANAGEMENT SERVICES				
1N01 NS22320-00 LAKE, WILLIAM		STATISTICAL AND COLLABORATIVE BIOMEDICAL RESEARCH DATA		61,204
INSTITUTION TOTAL	1		61,204	
S AND S GRAPHICS, INC.				
1N02 C021045-00 HALLER, JIMMY		PERSPECTIVES ON OVARIAN CANCER IN OLDER AGE WOMEN		2,940
1N02 C021046-00 HALLER, JIMMY		SEVENTY ACRES OF SCIENCE		7,155
1N02 C021044-00 HALLER, JIMMY		NO TITLE GIVEN		11,735
INSTITUTION TOTAL	3		21,830	
CITY TOTAL	5		463,664	

NIH RESEARCH CONTRACTS				DOLLARS AWARDED
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK		
MARYLAND				
SILVER SPRING PRESTAR PRINTING CORPORATION 1N02 C021071-00	SARRO, TONY	1	FACTS ABOUT LUNG CANCER	18,250
INSTITUTION TOTAL	1			18,250
CITY TOTAL	1			18,250
STATE TOTAL	17		1,331,426	
MICHIGAN				
DETROIT HENRY FORD HOSPITAL 1N01 AR22205-00	LEISEN, JAMES C		MIRA - MINOCYCLINE IN RHEUMATOID ARTHRITIS	130,236
INSTITUTION TOTAL	1			130,236
CITY TOTAL	1			130,236
STATE TOTAL	1		130,236	
MINNESOTA				
ROCHESTER MAYO FOUNDATION 1N01 CM27709-00	AMES, MATTHEW M	1	PHARMACOLOGICAL STUDIES OF ANTI-TUMOR/HIV AGENTS	108,021
INSTITUTION TOTAL	1			108,021
CITY TOTAL	1			108,021
STATE TOTAL	1		108,021	
MISSISSIPPI				
HATTIESBURG METHODIST HOSPITAL 1N01 CM27708-00	SHEA, PAUL J	1	PHARMACOLOGICAL STUDIES OF ANTI-TUMOR/HIV AGENTS	87,471
INSTITUTION TOTAL	1			87,471
CITY TOTAL	1			87,471
STATE TOTAL	1		87,471	
NORTH CAROLINA				
RESEARCH TRIANGLE PARK RAO ENTERPRISES, INC.--INTEGRATED LABORATORY SYSTEMS 1N01 ES25346-00	HOTH1, DIDAR S		SUPPORT FOR PREPARATION OF ANNUAL REPORT ON CARCINOGENS	176,196
				PAGE 23



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	176,196 176,196	
STATE TOTAL	1	176,196	
OHIO			
STRONGSVILLE			
KENNEDY GRAPHICS			
1N02 C021033-00	TOTH, FRANK, JR	BONE MARROW TRANSPLANTATION (RESEARCH REPORT)	14,990
1N02 C021058-00	TOTH, FRANK, JR	WHAT YOU NEED TO KNOW ABOUT HODGKINS DISEASE	20,524
1N02 C021059-00	TOTH, FRANK, JR	WHAT YOU NEED TO KNOW ABOUT NON-HODGKINS LYMPHOMAS	22,572
1N02 C021060-00	TOTH, FRANK, JR	IN ANSWER TO YOUR QUESTION ABOUT THYROID CANCER	12,282
INSTITUTION TOTAL CITY TOTAL	4 4	70,368 70,368	
STATE TOTAL	4	70,368	
PENNSYLVANIA			
PITTSBURGH			
BROUDY PRINTING, INC.			
1N02 C021072-00	RUSSO, AL	1 REGULAR PAP TESTS CAN SAVE YOUR LIFE	8,696
INSTITUTION TOTAL CITY TOTAL	1 1	8,696 8,696	
STATE TOTAL	1	8,696	
TEXAS			
AUSTIN			
RADIAN CORPORATION			
1N01 ES25331-00	MOSEMAN, ROBERT F	CHEMISTRY SUPPORT SERVICES FOR NTP	243,974
INSTITUTION TOTAL CITY TOTAL	1 1	243,974 243,974	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 AI25135-00	COUCH, ROBERT B	1 EVALUATION OF INFECTIOUS DISEASE CONTROL	653,963
INSTITUTION TOTAL	1	653,963	

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

SCOPE OF WORK

PROJECT DIRECTOR

CONTRACT NUMBER

TEXAS  
HOUSTON

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER  
1N01 CM27712-00 NEWMAN, ROBERT A 1 PHARMACOLOGICAL STUDIES OF ANTI-TUMOR/HIV AGENTS

INSTITUTION TOTAL 1 34,200  
CITY TOTAL 2 688,163

STATE TOTAL 3 932,137

34,200

VERMONT  
BURLINGTON

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE  
1N01 AR22206-00 LEISEN, JAMES C  
1N01 CM27713-00 MCCORMACK, JOHN 1

INSTITUTION TOTAL 2 225,063  
CITY TOTAL 2 225,063

STATE TOTAL 2 225,063

92,029  
133,034

MIRA - MINOCYCLINE IN RHEUMATOID ARTHRITIS  
PHARMACOLOGICAL STUDIES OF ANTI-TUMOR/HIV AGENTS

VIRGINIA  
RICHMOND

CARTER PRINTING COMPANY, INC.

1N02 C021034-00 LINDENZWEIG, C R  
1N02 C021052-00 LINDENZWEIG, C R  
1N02 C021032-00 LINDENZWEIG, C R  
1N02 C021039-00 LINDENZWEIG, C R  
1N02 C021048-00 LINDENZWEIG, C R  
1N02 C021057-00 LINDENZWEIG, C R  
1N02 C021068-00 LINDENZWEIG, C R

INSTITUTION TOTAL 7 178,995

YOUNG PEOPLE WITH CANCER  
STRATEGIES TO CONTROL TOBACCO USE IN THE UNITED STATES  
MAMMOGRAM-ONCE A YEAR FOR A LIFETIME  
MANAGING EATING PROBLEMS DURING CANCER TREATMENT  
NIH SUMMER RESEARCH PROGRAM 1992--NIH CLINICAL ELECTIVES  
NIH SUMMER RESEARCH PROGRAM 1992--NIH CLINICAL ELECTIVES  
NO TITLE GIVEN

70,000  
11,160  
32,985  
39,200  
7,500  
5,900  
12,250

MOBILITY, INC.

1N02 C021069-00 NORQUEST, CAROL  
1N02 C021077-00 NORQUEST, CAROL  
1N02 C021061-00 VINER, ROBERT

INSTITUTION TOTAL 3 32,969  
CITY TOTAL 10 211,964

FACTS ABOUT CERVICAL CANCER  
NEWSLETTER ARTICLE  
TRATAMIENTO DE QUIMIOTERAPIA CONTRA EL CANCER

11,984  
11,365  
9,620

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER PROJECT DIRECTOR

SCOPE OF WORK

VIRGINIA  
SPRINGFIELD  
CASCIO COLOR CORPORATION  
1N02 C021066-00 MILLS, SHARON

PREGUNTAS Y RESPUESTAS SOBRE LA . . .

INSTITUTION TOTAL 1 15,403  
CITY TOTAL 1 15,403

15,403

VIENNA

AAC ASSOCIATES, INC.

1N01 LM23502-00 EDER, WARREN

1 GRATEFUL MED SOFTWARE DEVELOPMENT AND MAINTENANCE

INSTITUTION TOTAL 1 57,520

57,520

AMERIPRINT, INC.

1N02 C021076-00 KILBURN, DANNY A

1 PROGRAM (RADIOTHERAPY AND RELATED DISCIPLINES)

1N02 C021064-00 MOREY, DAVID B

1 BREAST CANCER AND THE CLINICAL RESEARCH CENTERS PROGRAM

INSTITUTION TOTAL 2 6,592

2,015  
4,577

HAZLETON WASHINGTON, INC.

1N01 CB21055-00 HOGG, EVELYN

1 FERAL MOUSE BREEDING COLONY

INSTITUTION TOTAL 1 112,911

112,911

MANAGEMENT SYSTEMS DESIGNERS, INC.

1N01 LM23501-00 IRONS, ROBERT

1 GRATEFUL MED SOFTWARE DEVELOPMENT AND MAINTENANCE

INSTITUTION TOTAL 1 47,358  
CITY TOTAL 5 224,381

47,358

STATE TOTAL 16 451,748

WASHINGTON

SEATTLE

UNIVERSITY OF WASHINGTON

1N01 HD23142-00 HILLER, SHARON I

RE-READING OF GRAM STAINS COLLECTED IN THE VIP STUDY

INSTITUTION TOTAL 1 14,920  
CITY TOTAL 1 14,920

14,920

STATE TOTAL 1 14,920

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

76,774

67,000

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
WISCONSIN MADISON STRAUS PRINTING COMPANY 1N02 C021054-00	STRAUS, RICHARD R	HOW TO HELP YOUR PATIENTS STOP SMOKING	76,774
INSTITUTION TOTAL	1		76,774
CITY TOTAL	1		76,774
STATE TOTAL	1		76,774
GHANA LEGON UNIVERSITY OF GHANA 1N01 CP21035-00	TANDOH, JOSEPH F	EPIDEMIOLOGY OF POTENTIALLY ONCOGENIC VIRUSES IN AFRICA	67,000
INSTITUTION TOTAL	1		67,000
CITY TOTAL	1		67,000
STATE TOTAL	1		67,000
TOTAL	57		4,756,479



NIH  
MEDICAL LIBRARY GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1G08 LM05367-01	FREIBURGER, GARY A	BALTIMORE PROFESSIONAL SCHOOL UMLS SEARCHING WORKSTATION	150,000
INSTITUTION TOTAL	1	150,000	
CITY TOTAL	1	150,000	
STATE TOTAL	1	150,000	
PENNSYLVANIA PHILADELPHIA HAHNEMANN UNIVERSITY 1G08 LM05373-01	FENICHEL, CAROL H	RESEARCH INFORMATION SYSTEM (RIS)	177,643
INSTITUTION TOTAL	1	177,643	
CITY TOTAL	1	177,643	
STATE TOTAL	1	177,643	
TOTAL	2	327,643	

NIH  
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO DENVER NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE 1U01 AI32244-01 JONES, JAMES F		COMPARATIVE STUDY OF PATHOPHYSIOLOGIC DESCRIPTORS OF CFS	460,572
INSTITUTION TOTAL	1		460,572
CITY TOTAL	1		460,572
STATE TOTAL	1		460,572
TOTAL	1		460,572

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1F32 GM14969-01	ROELL, MARINA K	GENETICS	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
<b>LOS ANGELES</b>			
DOHENY EYE INSTITUTE			
1F06 TW01796-01	BLANKS, JANET C	CELL BIOLOGY	16,129
INSTITUTION TOTAL	1		16,129
UNIVERSITY OF SOUTHERN CALIFORNIA			
1F32 GM15034-01	BLOOM, LINDA B	BIOCHEMISTRY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	2		38,829
<b>PASADENA</b>			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F32 GM15006-01	CHAN, MICHAEL K	GENETICS	21,600
1F32 GM14767-01	SWANSON, RONALD V	ORGANIC CHEMISTRY	21,600
INSTITUTION TOTAL	2		43,200
CITY TOTAL	2		43,200
<b>SAN FRANCISCO</b>			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1F06 TW01776-01	GIACOMINI, KATHLEEN M	PHARMACOLOGY	16,392
INSTITUTION TOTAL	1		16,392
CITY TOTAL	1		16,392
<b>STANFORD</b>			
STANFORD UNIVERSITY			
1F32 GM14738-01	KEASLING, JAY D	BIOCHEMISTRY	21,600
1F32 GM14875-01	STANLEY, ROBERT J	BIOPHYSICS	21,600
INSTITUTION TOTAL	2		43,200
CITY TOTAL	2		43,200

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
STATE TOTAL	8	163,221	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1F32 GM14920-01	KNOWLES, BRENDA A	MOLECULAR BIOLOGY	21,600
1F32 GM14884-01	TERBUSH, DANIEL R	ORGANIC CHEMISTRY	22,700
1F32 GM15066-01	VAN DUYN, GREGORY D	GENETICS	31,200
INSTITUTION TOTAL	3	75,500	
CITY TOTAL	3	75,500	
STATE TOTAL	3	75,500	
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
1F32 GM14876-01	SIBERT, JOHN W	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	1	21,600	
CITY TOTAL	1	21,600	
STATE TOTAL	1	21,600	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1F32 AI08632-01	MUNN, RITA K	IMMUNOLOGY	35,300
INSTITUTION TOTAL	1	35,300	
CITY TOTAL	1	35,300	
STATE TOTAL	1	35,300	
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FOGARTY INTERNATIONAL CENTER			
1F15 TW00357-01	DE THE, GUY B	EPIDEMIOLOGY	23,500
1F15 TW00349-01	GROSSE, RICHARD	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	2	44,500	



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH			
1F35 HL08643-01	MADELIAN, VERGINE	MOLECULAR BIOLOGY	
INSTITUTION TOTAL	1	17,150	
CITY TOTAL	3	61,650	17,150
STATE TOTAL	3	61,650	
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
1F32 GM14750-01	IMBALZANO, ANTHONY N, JR	MOLECULAR BIOLOGY	
INSTITUTION TOTAL	1	21,600	
CITY TOTAL	1	21,600	21,600
CAMBRIDGE			
HARVARD UNIVERSITY			
1F32 GM14878-01	DINSMORE, CHRISTOPHER J	INORGANIC CHEMISTRY	
1F32 GM14768-01	NEUFELD, STUART J	GENETICS	
INSTITUTION TOTAL	2	43,200	
CITY TOTAL	2	43,200	21,600
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1F06 TW01772-01	JONASSEN, JULIE A	MOLECULAR BIOLOGY	
INSTITUTION TOTAL	1	30,507	
CITY TOTAL	1	30,507	30,507
STATE TOTAL	4	95,307	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1F32 GM14424-01A1	GRAHAM, STEVEN M	ORGANIC CHEMISTRY	
INSTITUTION TOTAL	1	22,700	
CITY TOTAL	1	22,700	22,700

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
STATE TOTAL	1		22,700
NEW JERSEY			
PRINCETON			
1F32 GM15052-01	YUAN, JEFFREY	GENETICS	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
STATE TOTAL	1		21,600
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE		PARASITOLOGY	16,884
1F06 TW01767-01	LOKER, ERIC S		
INSTITUTION TOTAL	1		16,884
CITY TOTAL	1		16,884
STATE TOTAL	1		16,884
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH		GENETICS	21,600
1F32 GM14915-01	REABAN, MARY E		
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
COLD SPRING HARBOR			
LABORATORY		MOLECULAR BIOLOGY	22,700
1F32 CA09247-01	DEL VECCHIO, ROBERT L		
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
ITHACA			
CORNELL UNIVERSITY ITHACA		IMMUNOLOGY	35,100
1F06 TW01728-01A1	APPLETON, JUDITH A		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK ITHACA CORNELL UNIVERSITY ITHACA 1F32 GM14737-01 LAW, ADAM		MOLECULAR BIOLOGY	29,900
INSTITUTION TOTAL	2		
CITY TOTAL	2		
NEW YORK ROCKEFELLER UNIVERSITY 1F32 AI08618-01 ALLEN, LEE-ANN H 1F32 AI08612-01 DARNELL, JENNIFER C		IMMUNOLOGY IMMUNOLOGY	22,700 22,700
INSTITUTION TOTAL	2		
CITY TOTAL	2		
ROCHESTER UNIVERSITY OF ROCHESTER 1F32 ES05554-01 EWING, JAMES F		TOXICOLOGY	28,600
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	7		
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1F32 ES05559-01 VALENTINE, WILLIAM M		TOXICOLOGY	35,300
INSTITUTION TOTAL	1		
CITY TOTAL	1		
RESEARCH TRIANGLE PARK CHEMICAL INDUSTRY INSTITUTE OF TOXICOLOGY 1F32 ES05560-01 CARFAGNA, MARK A 1F32 ES05558-01 DORMAN, DAVID C		TOXICOLOGY TOXICOLOGY	22,700 33,800
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

18,773

22,700

22,700

22,700

32,457

FIELD OF INTEREST

FELLOW

APPLICATION NUMBER

BIOCHEMISTRY

OHIO  
CINCINNATI  
UNIVERSITY OF CINCINNATI AT CINCINNATI  
1F06 TW01795-01 GRUENSTEIN, ERIC I  
INSTITUTION TOTAL 1 18,773  
CITY TOTAL 1 18,773  
STATE TOTAL 1 18,773

MOLECULAR BIOLOGY

OKLAHOMA  
OKLAHOMA CITY  
OKLAHOMA MEDICAL RESEARCH FOUNDATION  
1F32 GM14790-01 GAUDIN, HELEN M  
INSTITUTION TOTAL 1 22,700  
CITY TOTAL 1 22,700  
STATE TOTAL 1 22,700

BIOPHYSICS

TEXAS  
HOUSTON  
RICE UNIVERSITY  
1F32 GM13945-01A1 CLARAGE, JAMES B  
INSTITUTION TOTAL 1 22,700  
CITY TOTAL 1 22,700  
STATE TOTAL 1 22,700

UTAH  
SALT LAKE CITY  
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH  
1F32 GM14797-01 RILEY, BRUCE B  
INSTITUTION TOTAL 1 22,700  
CITY TOTAL 1 22,700  
STATE TOTAL 1 22,700

VIRGINIA  
BLACKSBURG  
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
1F06 TW01764-01 STORRIE, BRIAN  
CELL BIOLOGY



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1		32,457
CITY TOTAL	1		32,457
STATE TOTAL	1		32,457
TOTAL	38		908,192

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CALIFORNIA TORRANCE RESEARCH AND EDUCATION INSTITUTE, INC. 1K08 DK02083-01	TAYEK, JOHN A	HORMONAL CONTROL OF GLUCONEOGENESIS IN DIABETES MELLITUS	92,880
INSTITUTION TOTAL	1		92,880
CITY TOTAL	1		92,880
STATE TOTAL	1		92,880
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1K11 DK02089-01	KELLEY, GRANT G	TIME-DEPENDENT SUPPRESSION OF INSULIN SECRETION	83,068
INSTITUTION TOTAL	1		83,068
CITY TOTAL	1		83,068
STATE TOTAL	1		83,068
IOWA IOWA CITY UNIVERSITY OF IOWA 1K08 HL02608-01A1	PUERINGER, ROBERT J	ALVEOLAR MACHROPHAGE'S REGULATION OF EICOSANOIDS	77,760
INSTITUTION TOTAL	1		77,760
CITY TOTAL	1		77,760
STATE TOTAL	1		77,760
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1K08 NS01549-01	LANSKA, DOUGLAS J	STROKE TRENDS AND DISTRIBUTION--UNITED STATES 1900-1990	75,627
INSTITUTION TOTAL	1		75,627
CITY TOTAL	1		75,627
STATE TOTAL	1		75,627
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1K08 DK02064-01	UDELSMAN, ROBERT	MOLECULAR AND ENDOCRINE RESPONSES TO SURGICAL STRESS	89,890

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	89,890 89,890	
STATE TOTAL	1	89,890	
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS EYE AND EAR INFIRMARY			
1K08 DC00065-01	MC KENNA, MICHAEL J	MOLECULAR BASIS OF INHERITANCE IN OTOSCLEROSIS	74,893
INSTITUTION TOTAL	1	74,893	
MASSACHUSETTS GENERAL HOSPITAL			
1K08 HL02593-01A1	SYSTROM, DAVID M	ANAEROBIC THRESHOLD DURING EXERCISE	77,366
INSTITUTION TOTAL	1	77,366	
CITY TOTAL	2	152,259	
STATE TOTAL	2	152,259	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1K08 HL02701-01	STANDIFORD, THEODORE J	LUNG CYTOKINE NETWORKS REGULATE LEUKOCYTE CHEMOTAXINS	79,380
INSTITUTION TOTAL	1	79,380	
CITY TOTAL	1	79,380	
STATE TOTAL	1	79,380	
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
1K04 HL02602-01A1	ELLSWORTH, MARY L	OXYGEN TRANSPORT & HEMODYNAMICS IN THE MICROVASCULATURE	64,260
1K08 NS01547-01	YOON, KONG-WOO P	ADENOSINE MODULATION OF SYNAPTIC TRANSMISSION	75,600
INSTITUTION TOTAL	2	139,860	
WASHINGTON UNIVERSITY			
1K08 NS01543-01	GOLDBERG, MARK P	CALCIUM HOMEOSTASIS IN HYPOXIC NEURONS	72,221
1K04 DK02072-01	LI, ELLEN	PROTEIN-MEMBRANE INTERACTIONS IN THE INTESTINAL MUCOSA	61,115
INSTITUTION TOTAL	2	133,336	

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	4	273,196	
STATE TOTAL	4	273,196	
NEW YORK NEW YORK HOSPITAL FOR SPECIAL SURGERY 1K04 AR01876-01	RIMNAC, CLARE M	DEGRADATION OF POLYETHYLENE JOINT COMPONENTS	68,990
INSTITUTION TOTAL	1	68,990	
CITY TOTAL	1	68,990	
STATE TOTAL	1	68,990	
OHIO COLUMBUS OHIO STATE UNIVERSITY 1K11 AI01048-01	HACKSHAW, KEVIN V	CHARACTERIZATION OF MURINE ACIDIC FGF GENE	77,027
INSTITUTION TOTAL	1	77,027	
CITY TOTAL	1	77,027	
STATE TOTAL	1	77,027	
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1K08 NS01539-01	GANCHER, STEPHEN T	ALTERATIONS IN DOPAMINERGIC RESPONSE IN PARKINSONISM	83,160
INSTITUTION TOTAL	1	83,160	
CITY TOTAL	1	83,160	
STATE TOTAL	1	83,160	
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY 1K04 HL02710-01	FUNK, COLIN D	MOLECULAR & CELLULAR BIOLOGY OF 12-LIPOXYGENASE	60,184
INSTITUTION TOTAL	1	60,184	
CITY TOTAL	1	60,184	
STATE TOTAL	1	60,184	



NIH  
RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>TEXAS</b>			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1K08 NS01499-01A1	BOHAN, TIMOTHY P	BIOCHEMICAL MECHANISMS UNDERLYING IMPAIRED ATTENTION	79,434
INSTITUTION TOTAL			1 79,434
CITY TOTAL			1 79,434
STATE TOTAL			1 79,434
<b>UTAH</b>			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1K08 HL02706-01	CHAPMAN, DALE L	DEVELOPMENT OF LUNG EPITHELIAL CELL ION TRANSPORT	68,184
INSTITUTION TOTAL			1 68,184
CITY TOTAL			1 68,184
STATE TOTAL			1 68,184
<b>WISCONSIN</b>			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1K08 NS01548-01	PEARCE, ROBERT A	VOLATILE ANESTHETICS AND ION CHANNEL MODULATION	81,000
INSTITUTION TOTAL			1 81,000
CITY TOTAL			1 81,000
<b>MILWAUKEE</b>			
MEDICAL COLLEGE OF WISCONSIN			
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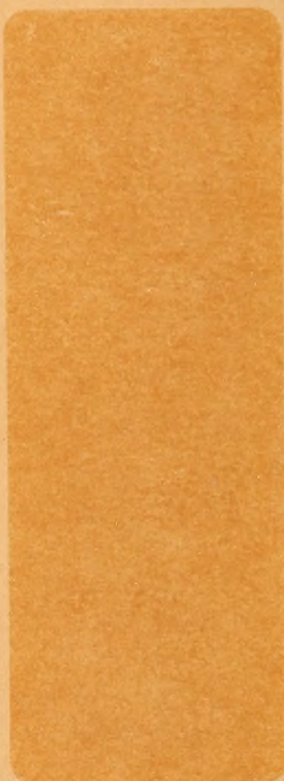
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